

**The following information was retrieved from [www.modernplastics.com](http://www.modernplastics.com) and [www.co-excorp.com](http://www.co-excorp.com)**

**Macrolux® Multiwall Polycarbonate Sheet** -from Modern Plastics is a co-extruded thermoglazing available in Twin, Triple, Four, Five and M-wall configurations. Macrolux® is the perfect material for applications requiring high light transmission, thermal insulation, light in weight yet strong, high shock resistance, flame retardant, great economy, vandal and wind resistant, and design/flexibility.

Modern Plastics offers Macrolux® Multiwall Polycarbonate Sheet in three colors; Opal (translucent white), bronze tinted and clear. This product is one of our most popular plastic materials and we are fully confident you will enjoy the quality of Macrolux® Multiwall Polycarbonate Sheet products.

**Applications for Macrolux® Sheet include:**

- **Horticultural;** for greenhouse coverings and coldframes where good thermal insulation is necessary together with high light transmission
- **Architectural Glazing;** with the ability to cold-form into arches, Macrolux® offers architects design freedom that is not possible with other glazing. Consider the possibility of using Macrolux® for walkways, indoor shopping centers, skylights and other space enclosures.
- **Home Improvement;** for easy do-it-yourself projects like window replacements, shower enclosures, hobby greenhouses, partitions, light covers, patio covers, yard partitions and privacy screens, carports and more.

**Other attributes of Macrolux® Multiwall Polycarbonate Sheet:**

- Virtually Unbreakable
- Condensation Control through a factory applied coating available
- Easy to install
- Extra wide panels available and custom sizes (inquire)
- Transparent
- U.V. Resistant material to harmful sunlight -won't fade or discolor
- Economical glazing product
- Saves energy, great insulator!



- Highly Flexible, easily cut and fabricated
- \*Covered by a **10-year warranty** on light transmission and breakage caused by hail!

**Supplemental Information** – Polycarbonate is a tough, transparent thermo-plastic material that is characterized by high impact strength. Since its inception it has been used where safety concerns are at the forefront: space shuttle windows, astronaut visors and industrial eye protection. Today, polycarbonate has found a large audience as an architectural sheet product, replacing traditional glazing in skylights, sidelites, greenhouses, transportation shelters, walkway covers and many other applications requiring strength and transparency. From transport to installation, a polycarbonate panel will remain durable. Even when exposed to elevated temperatures over a long period of time, polycarbonate will maintain its structural integrity. It won't crack or split when cut or drilled and can be easily fabricated using standard tools. It's ideal for quick, professional installation and works equally well for do-it-yourself building projects.